



Missouri
Department of
Natural Resources

City of Kennett
Power Plant Name: Kennett
Electric Generation and Emissions in 2011

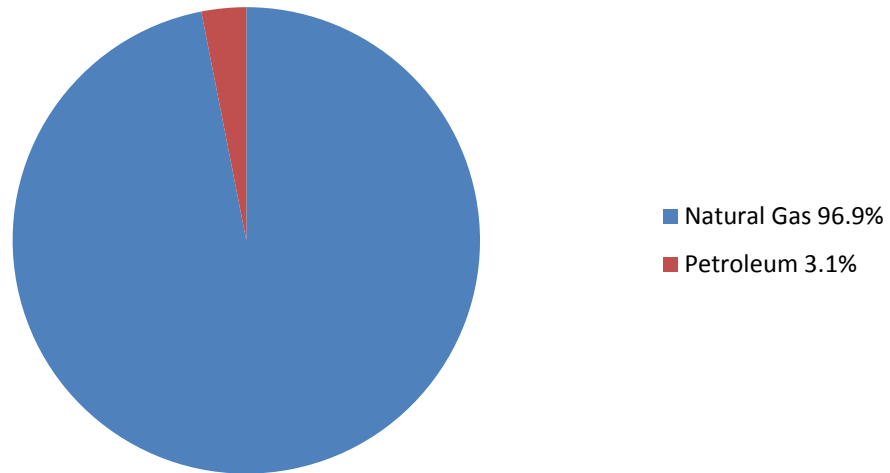
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	31,795	96.9%	96.9%	2,158	96.9%	96.9%
Petroleum	1,014	3.1%	3.1%	69	3.1%	3.1%
Nuclear						
Other						
Non-renewable total	32,809	100.0%	100.0%	2,227	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	32,809		100.0%	2,227		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	31,325
Distillate Fuel Oil	Barrels	175



Net Generation by Fuel Type, 2011 for Kennett





Missouri
Department of
Natural Resources

Power Plant Nameplate information for Kennett

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Kennett</i>		<i>All Operating Generators</i>			<i>178.0</i>
Kennett	Dunklin	1	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	1.6
Kennett	Dunklin	10	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	24.8
Kennett	Dunklin	11	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	24.8
Kennett	Dunklin	12	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	25.6
Kennett	Dunklin	13	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	25.6
Kennett	Dunklin	2	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	1.6
Kennett	Dunklin	3	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	3.2
Kennett	Dunklin	4	Internal Combustion Engine (diesel,	Operating - in service	10.0



Missouri
Department of
Natural Resources

			piston, reciprocating)		
Kennett	Dunklin	5	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	5.6
Kennett	Dunklin	6	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	8.0
Kennett	Dunklin	7	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	10.0
Kennett	Dunklin	8	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	12.4
Kennett	Dunklin	9	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	24.8



Missouri
Department of
Natural Resources

Emissions from Electricity Generated in 2011: Kennett

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Kennett	16,164	7,760	154	17

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Kennett	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Kennett power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Kennett power plant

Plant	Control Equipment
	No FGP Controls Installed



Missouri Department of Natural Resources

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>